

Fig. 1

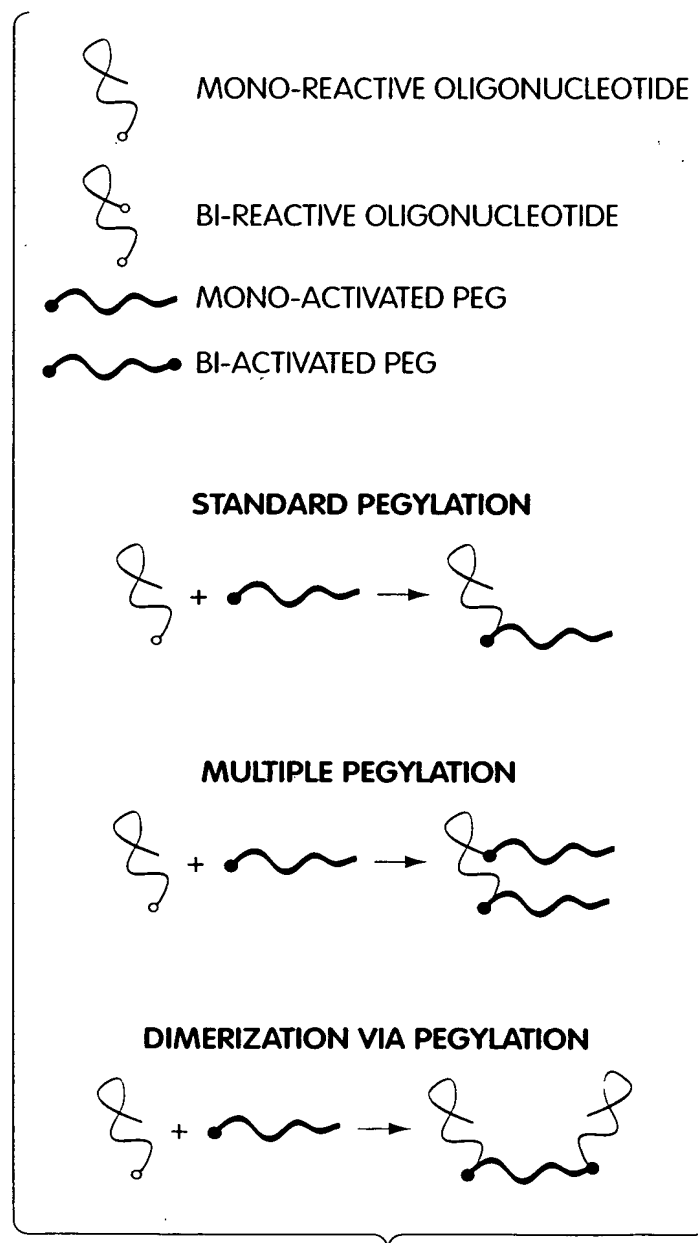


Fig. 2

3/27

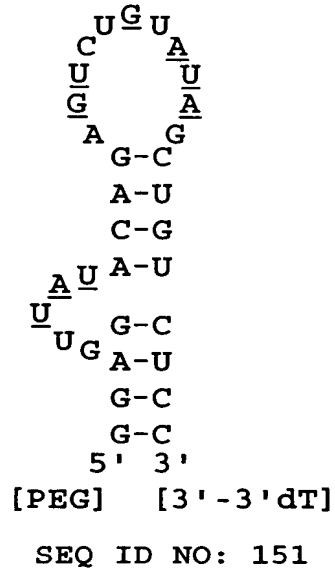


Fig. 3A

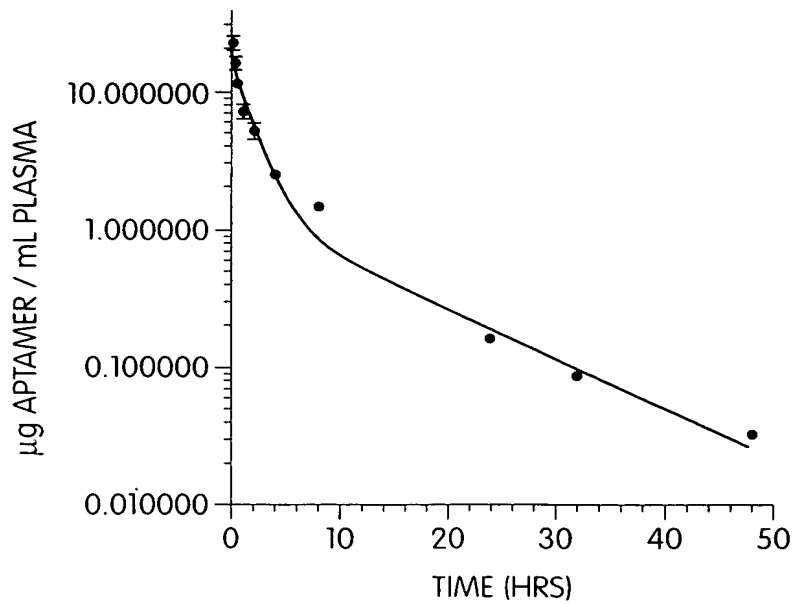


Fig. 3B

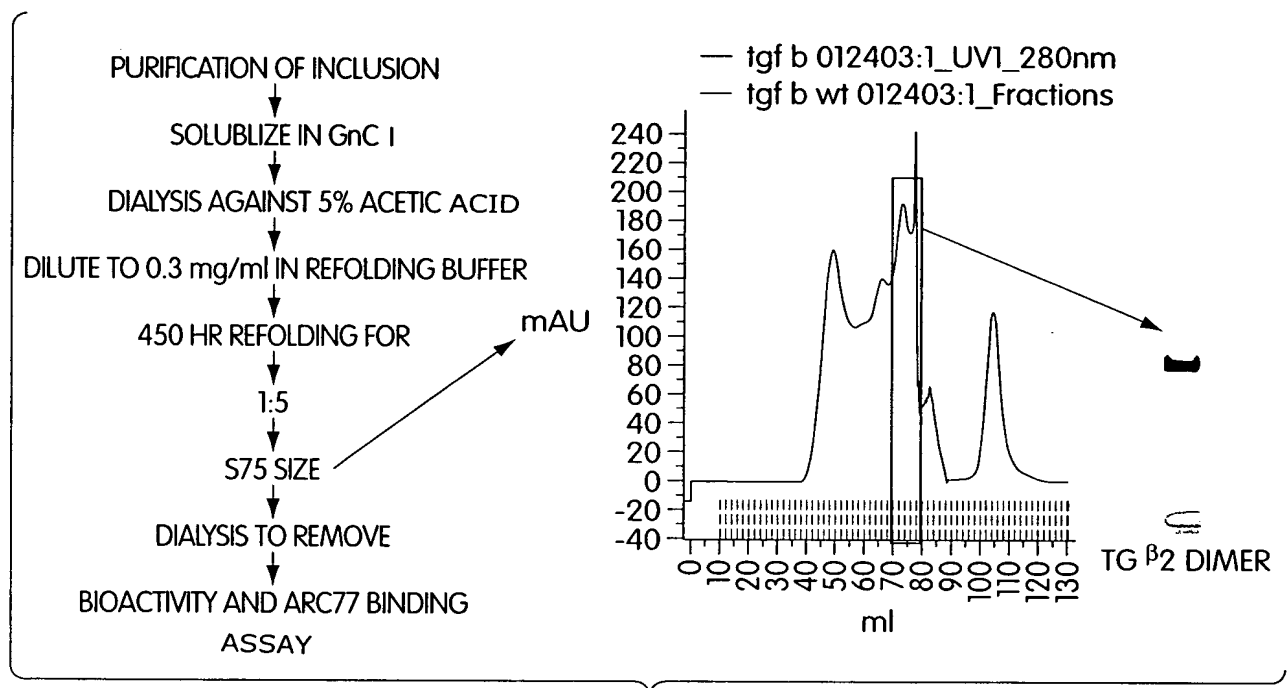


Fig. 4

5/27

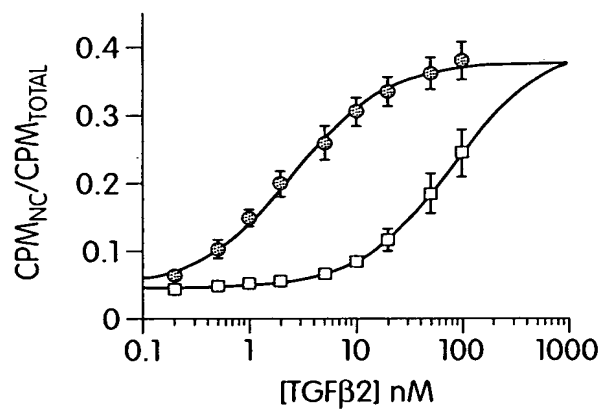


Fig. 5A

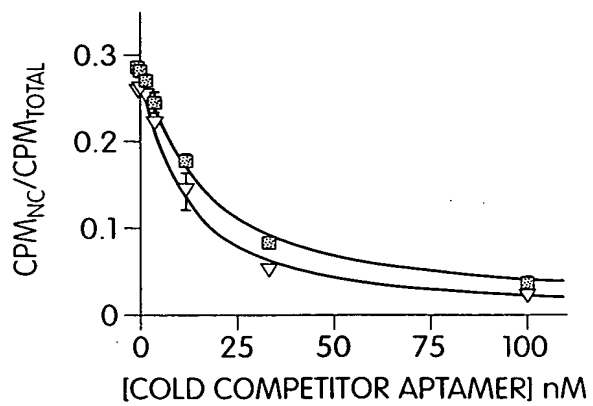


Fig. 5B

6/27

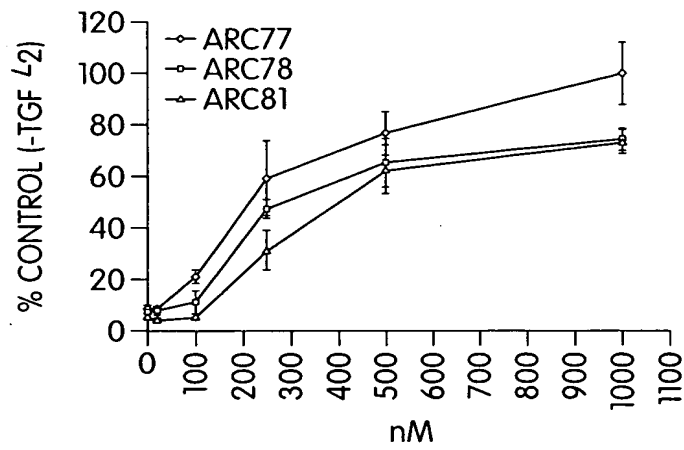


Fig. 6A

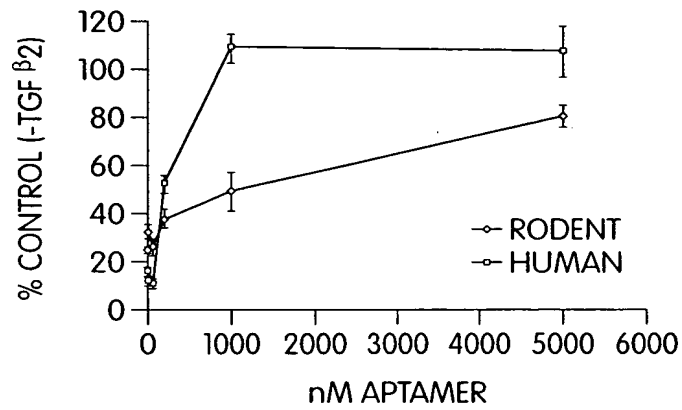


Fig. 6B

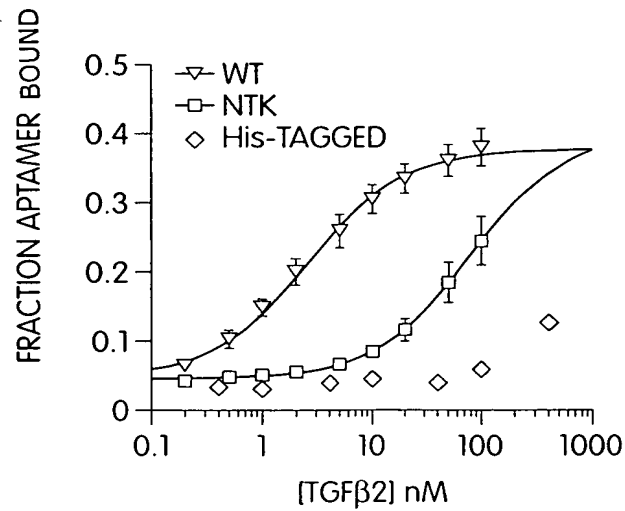


Fig. 6C

7/27

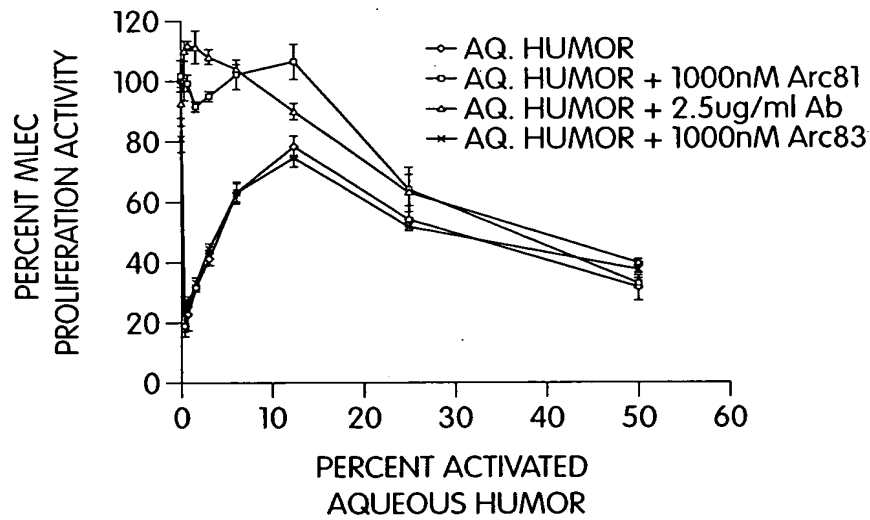


Fig. 7A

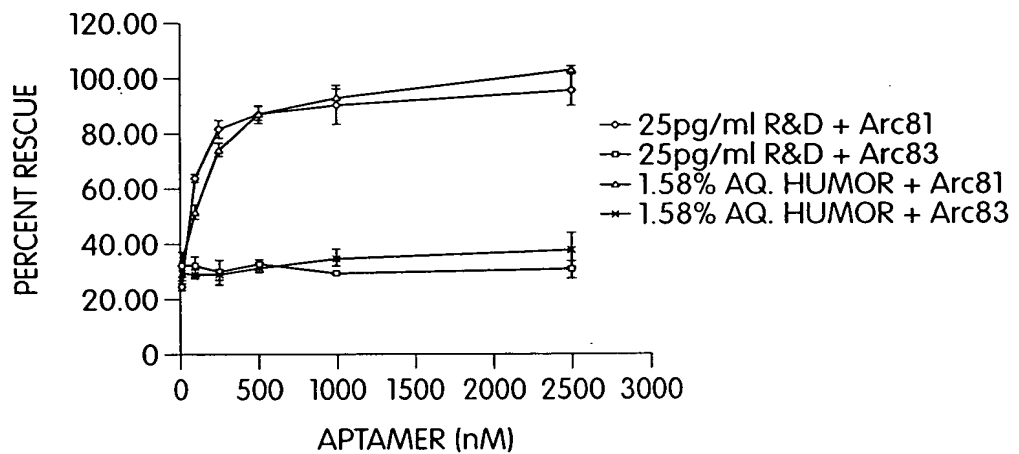


Fig. 7B

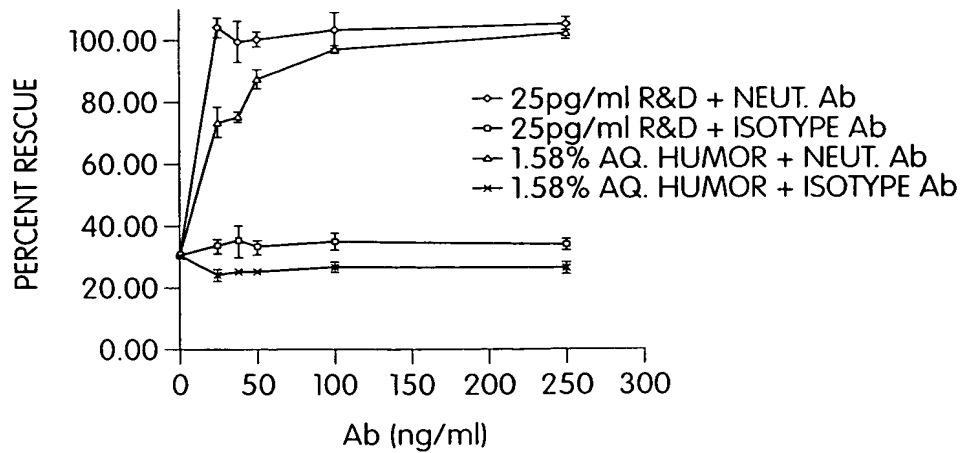


Fig. 7C

8/27

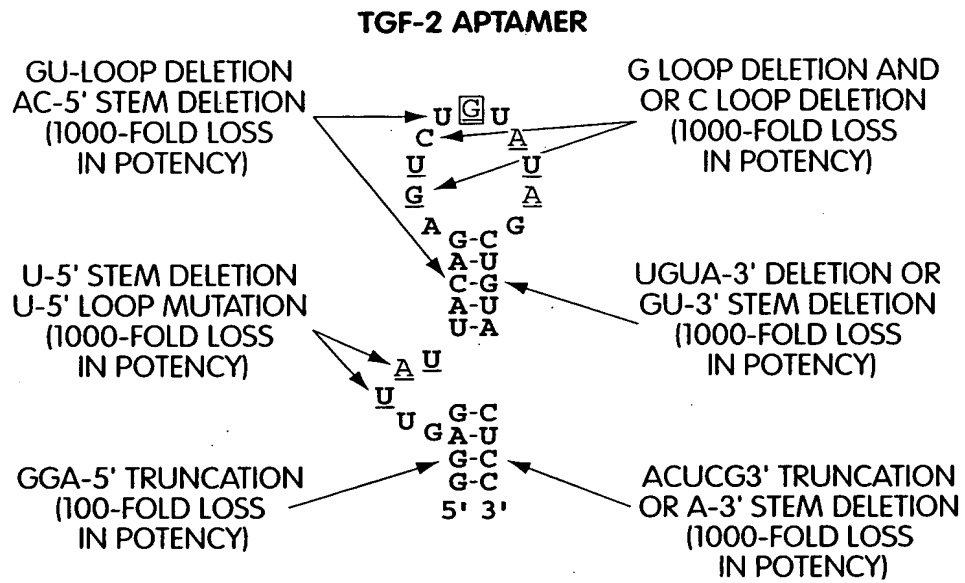


Fig. 8A

TGF $\beta$	K <sub>d</sub>
TGF $\beta$ 2	~2 nM
TGF $\beta$ 3	>30 $\mu$ M
TGF $\beta$ 1	>200 nM

Fig. 8B

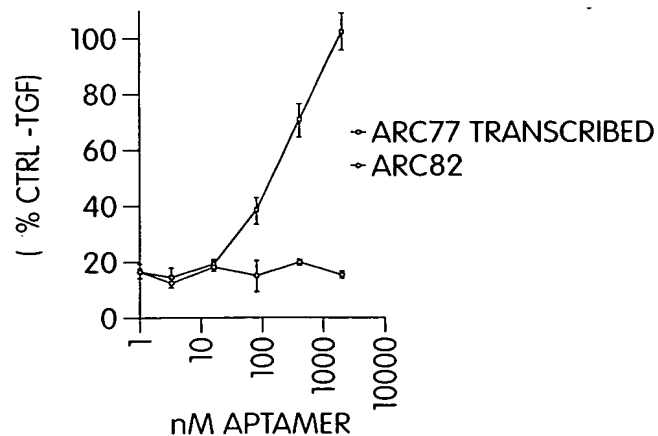


Fig. 8C



9/27

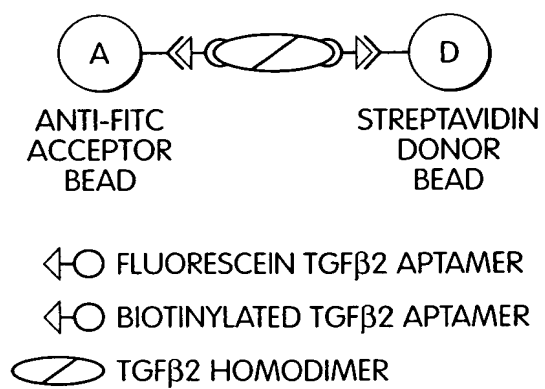
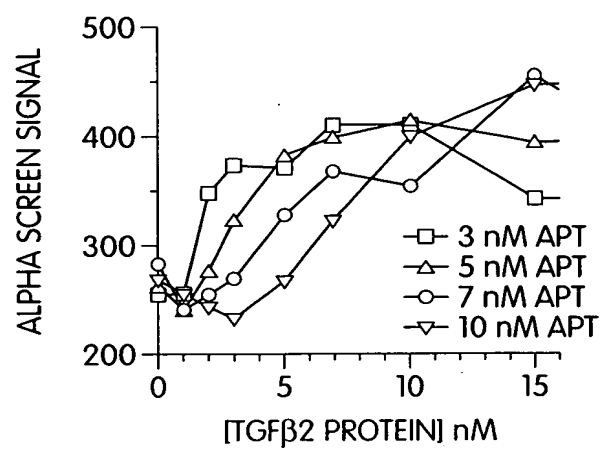


Fig. 9

WT

ALDAAYCFERNVQDNCCLRPLYIDFKRDLGW (SEQ ID NO: 152)

N-Long tag MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWALDAAYCFERNVQDNCCLRPLYIDFKRDLGW (SEQ ID NO: 153)

N-Short tag MHHHHHALDAAYCFERNVQDNCCLRPLYIDFKRDLGW (SEQ ID NO: 154)

WT

GYNANFCAGACPYLWSSDTQHSRVLSTYNTINPEASASPCCVSQDLEPLTILYYIGKTPKIEQ LSNMI (SEQ ID NO: 155)

N-Long tag GYNANFCAGACPYLWSSDTQHSRVLSTYNTINPEASASPCCVSQDLEPLTILYYIGKTPKIEQ LSNMI (SEQ ID NO: 156)

N-Short tag GYNANFCAGACPYLWSSDTQHSRVLSTYNTINPEASASPCCVSQDLEPLTILYYIGKTPKIEQ LSNMI (SEQ ID NO: 157)

TGF β2	EC100 (pM)	Kd APTAMER (nM)	Ic50 APTAMER (nM)
WT	~0.5	~2.5	~200
S59T/R60K/K94N	~0.5	~80	~3000
K94N	~0.5	~2.5	~200
N-LONG TAG	~40	>500	NO EFFECT
N-SHORT TAG	~20	~300	n.d.

Fig. 10

11/27

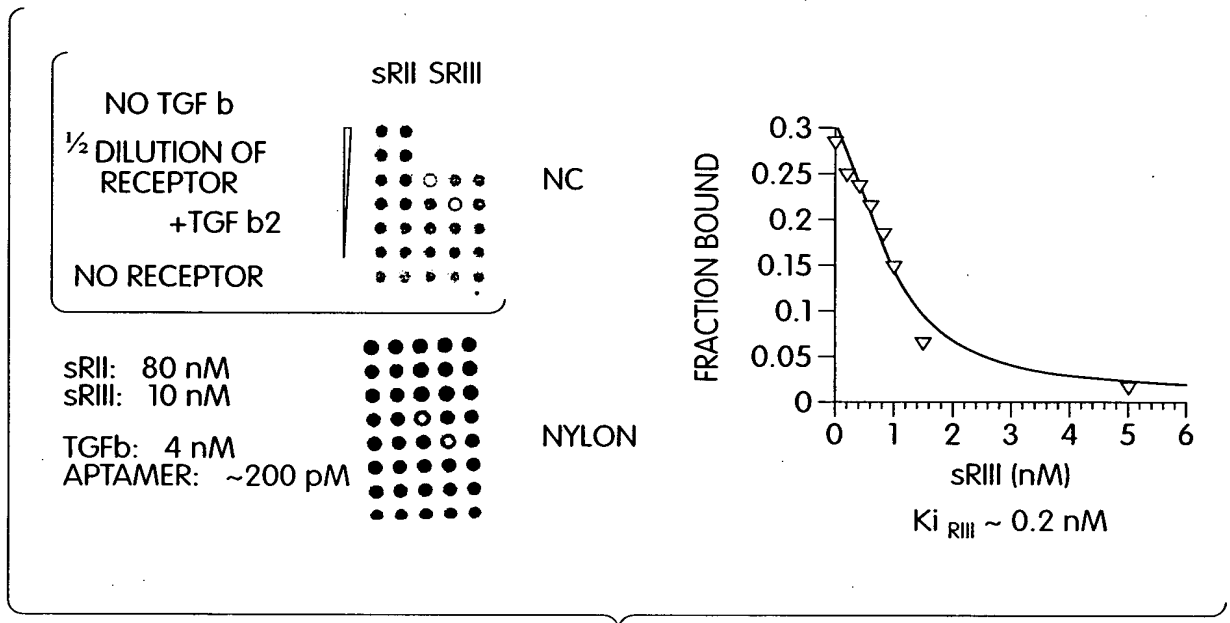


Fig. 11A

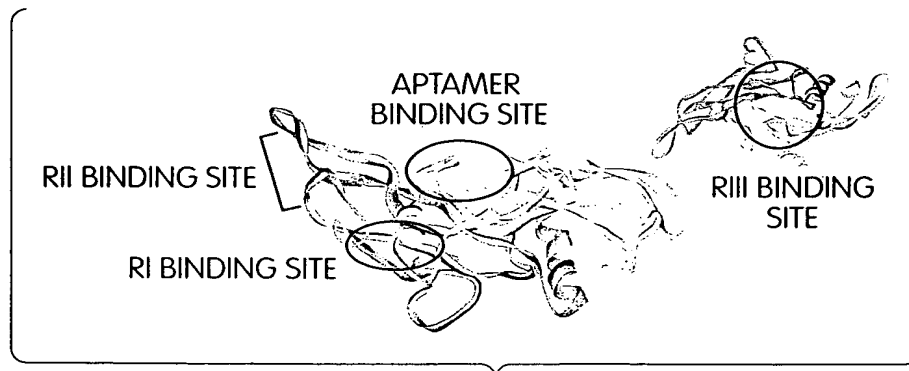


Fig. 11B

12/27

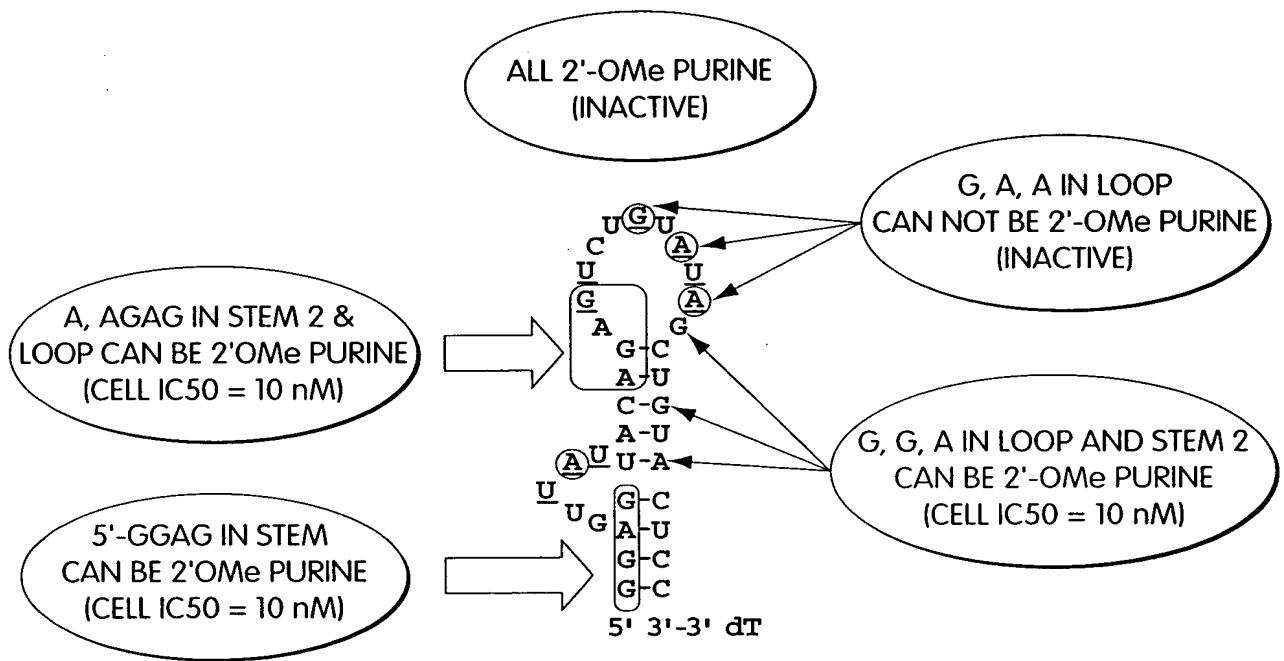


Fig. 12

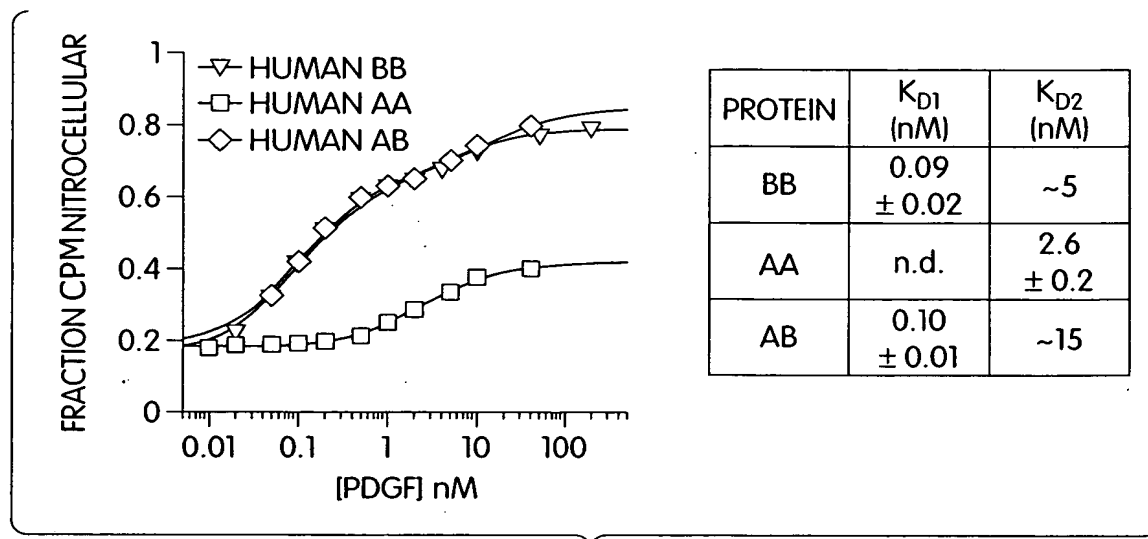


Fig. 13A

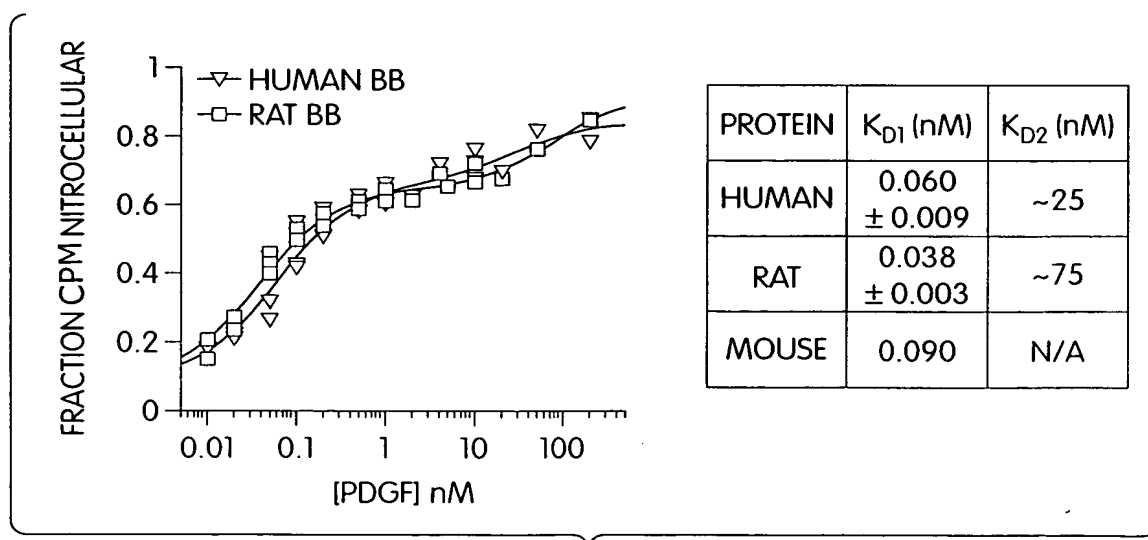


Fig. 13B

14/27

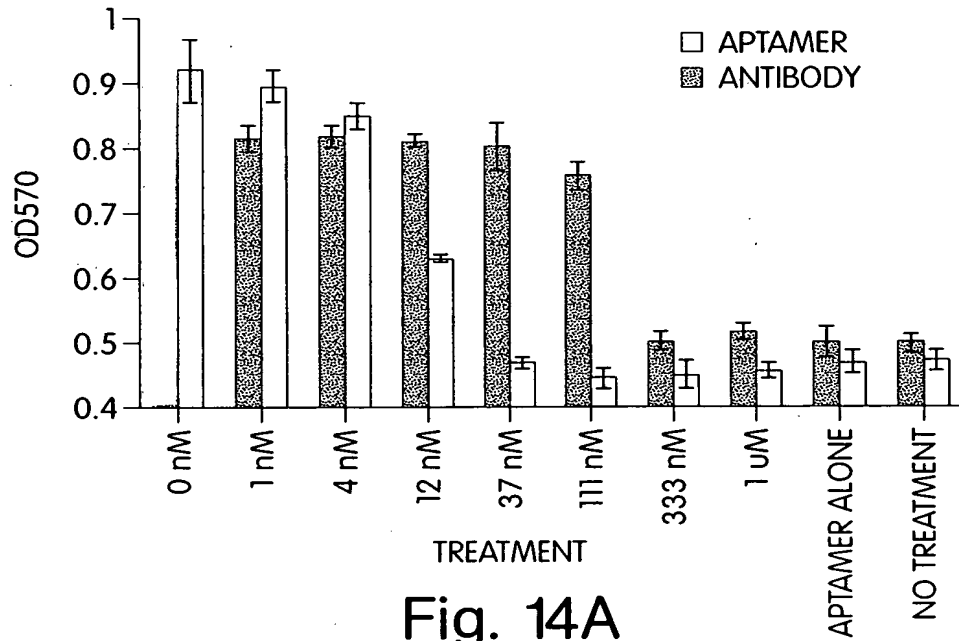


Fig. 14A

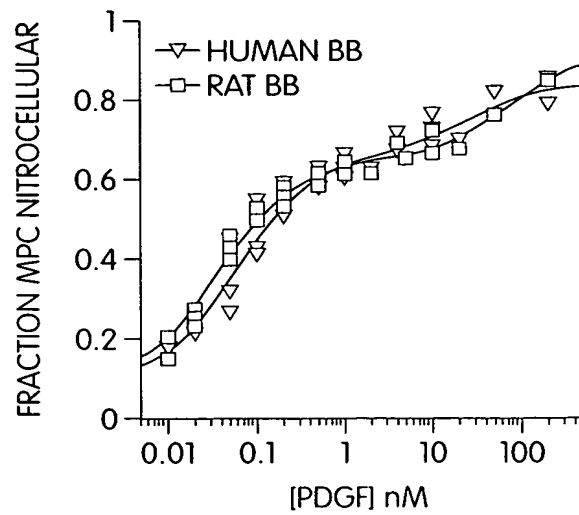


Fig. 14B

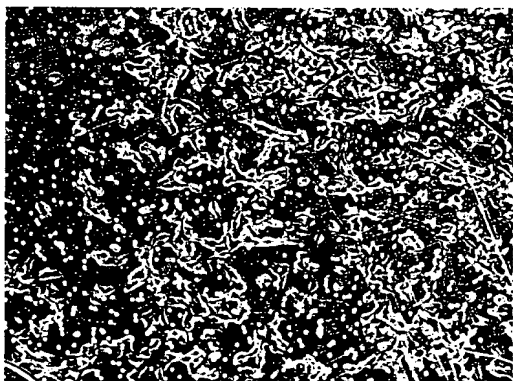


Fig. 15A

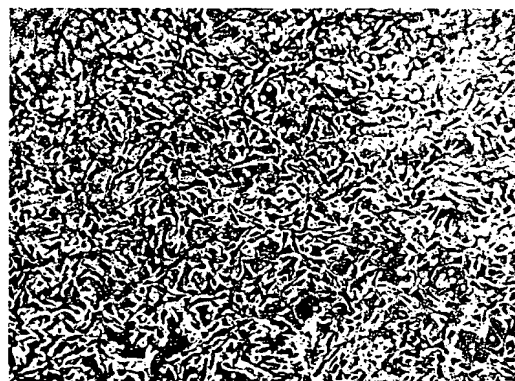


Fig. 15B



Fig. 15C

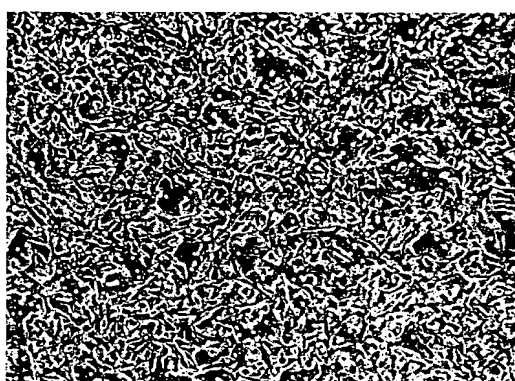


Fig. 15D

16/27

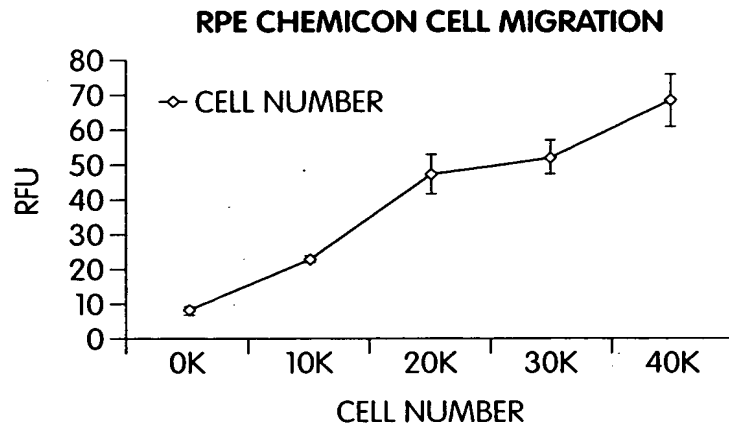


Fig. 15E

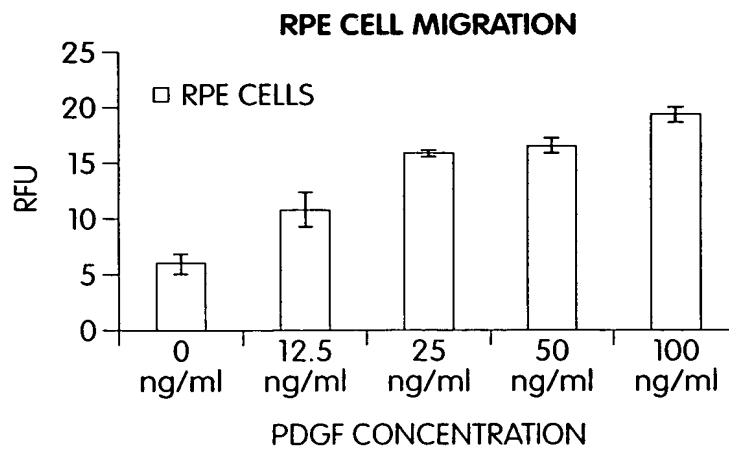


Fig. 15F



17/27

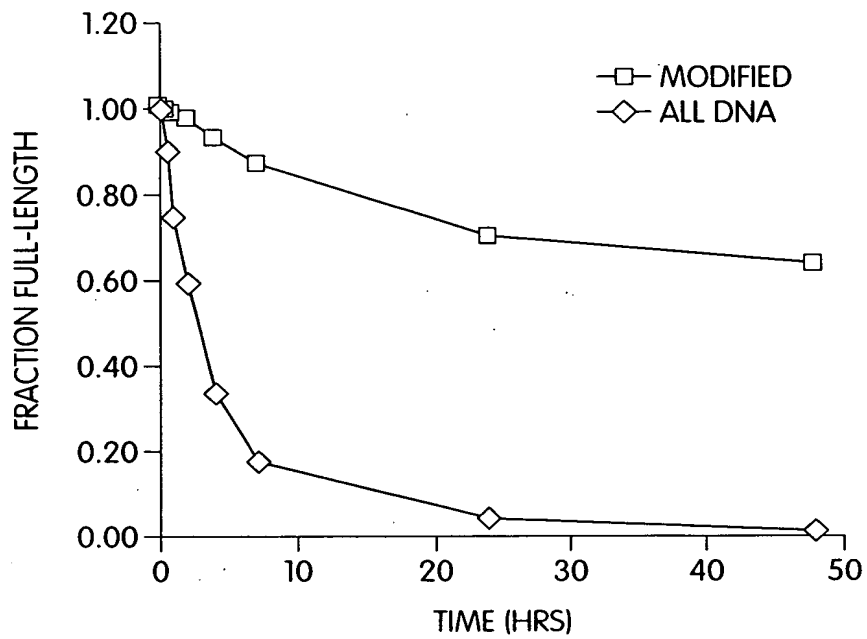


Fig. 16

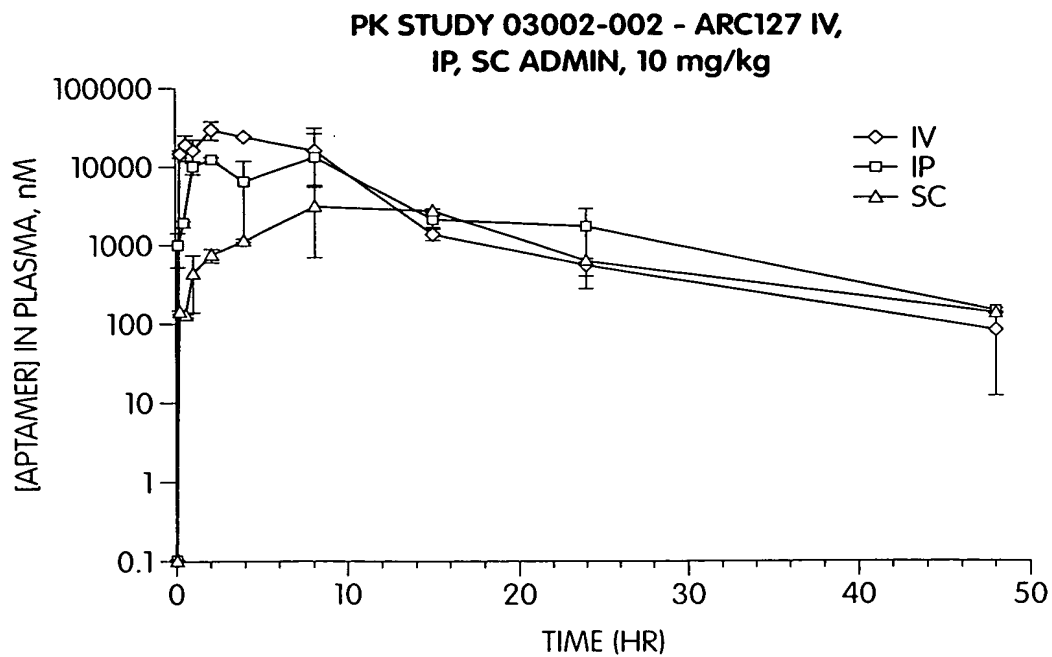


Fig. 17

18/27

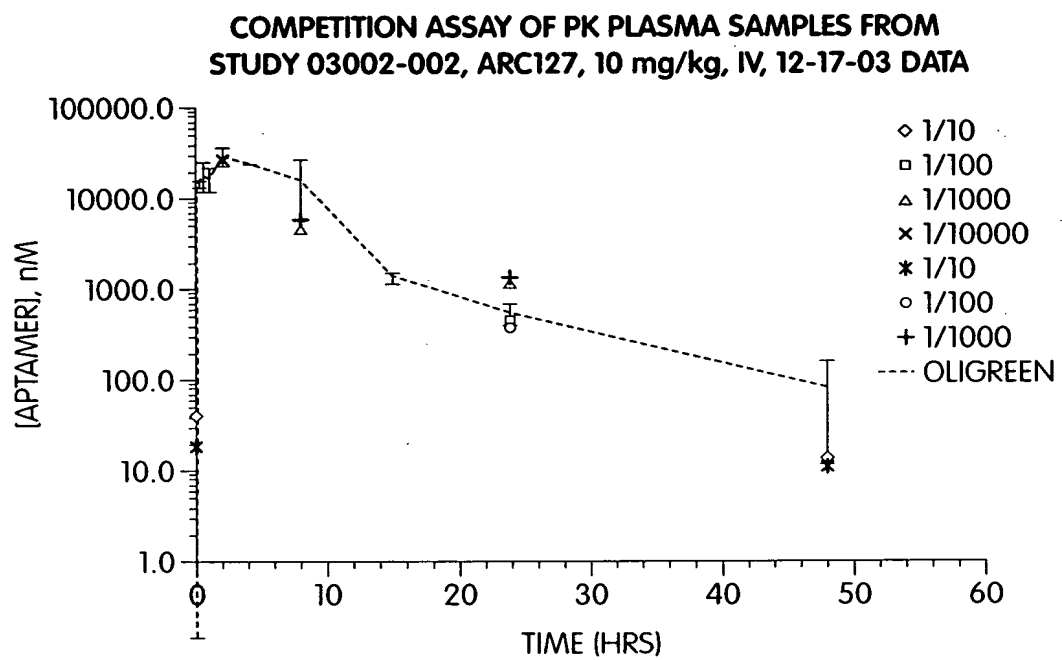


Fig. 18

19/27

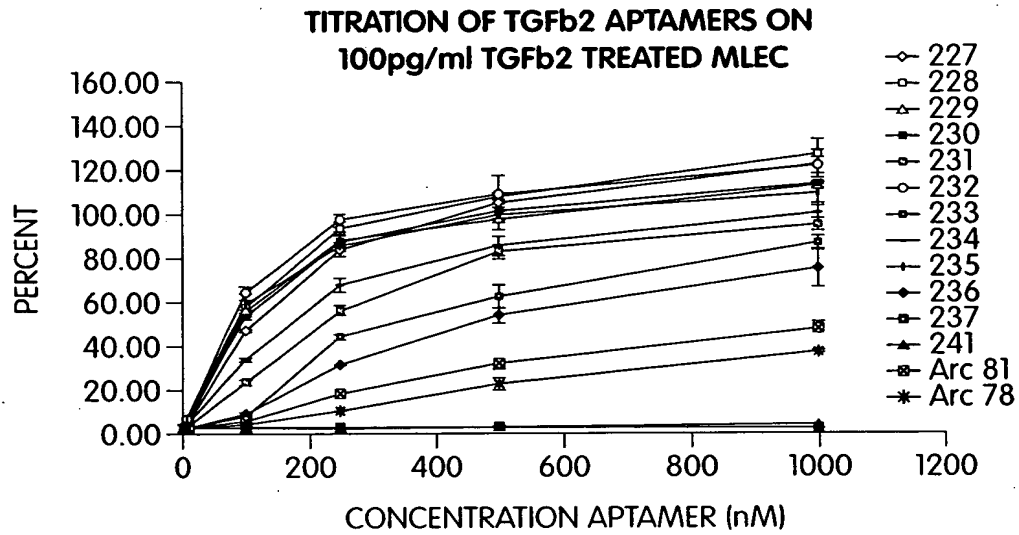


Fig. 19A

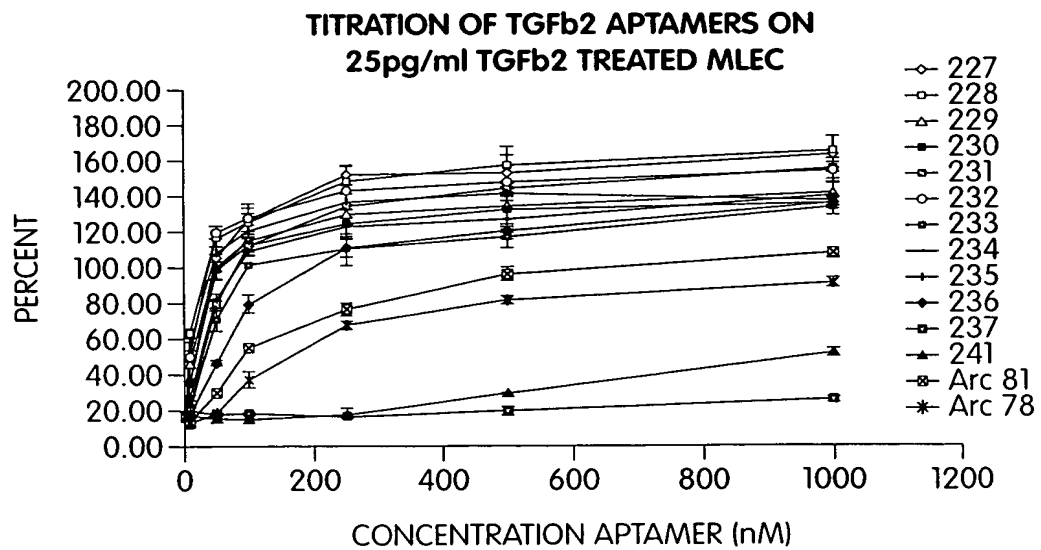


Fig. 19B

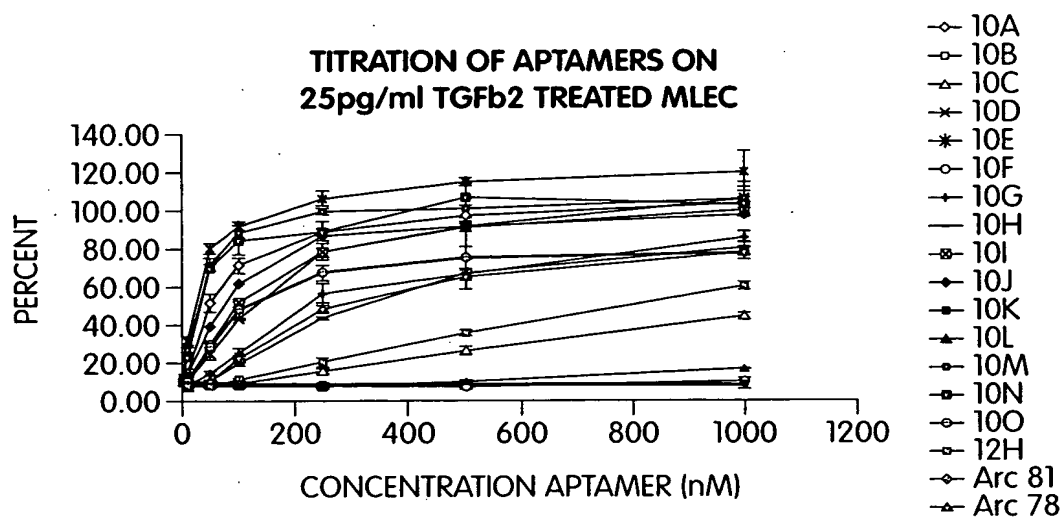


Fig. 20A

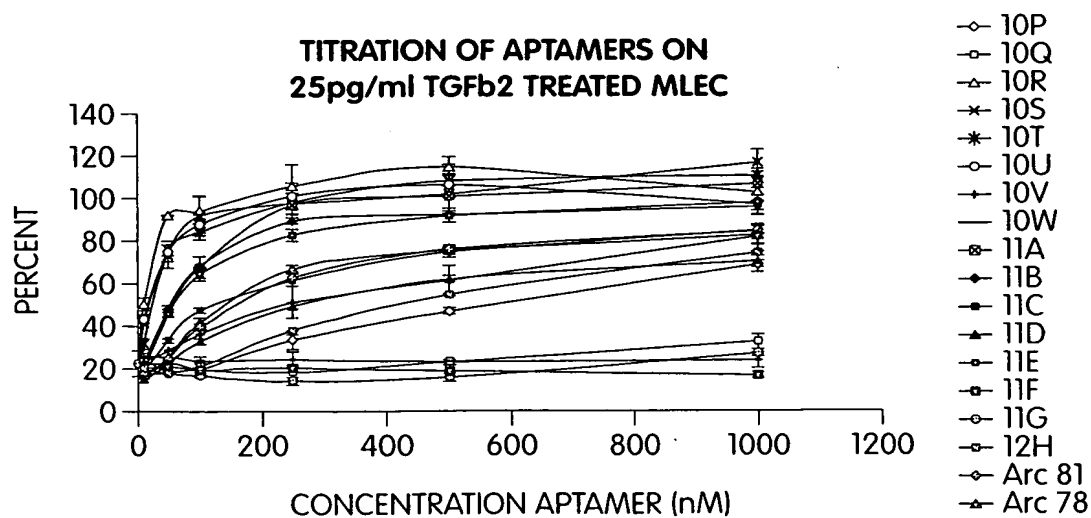


Fig. 20B

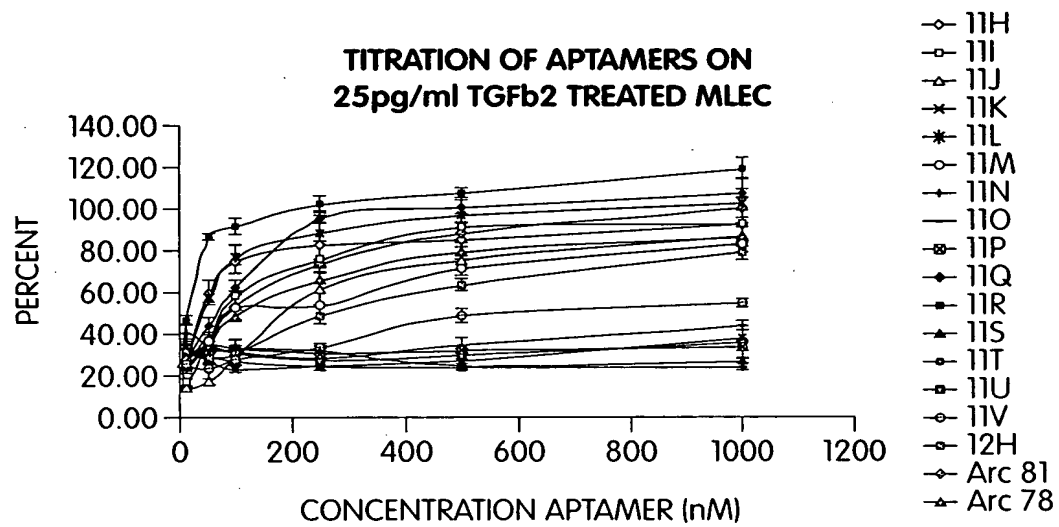


Fig. 20C

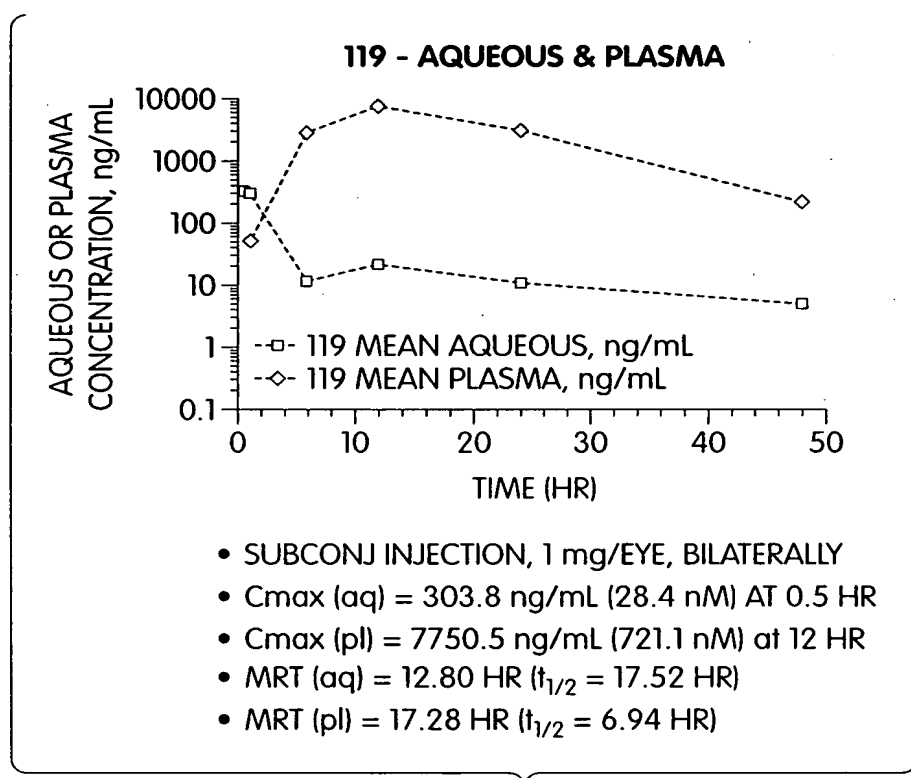


Fig. 21A

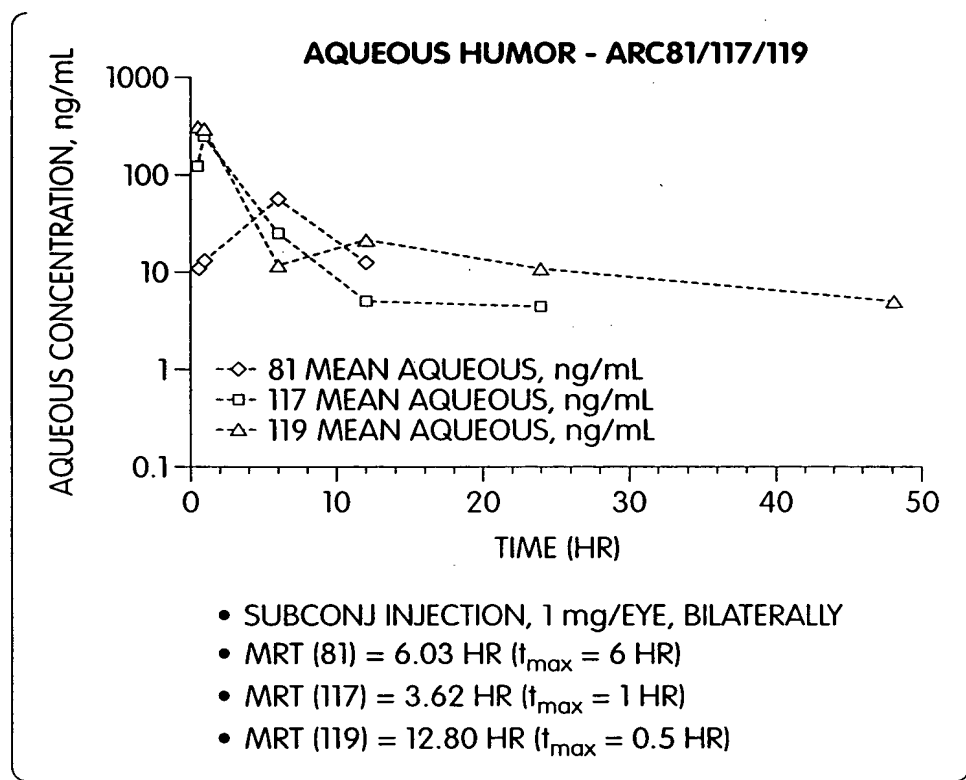


Fig. 21B

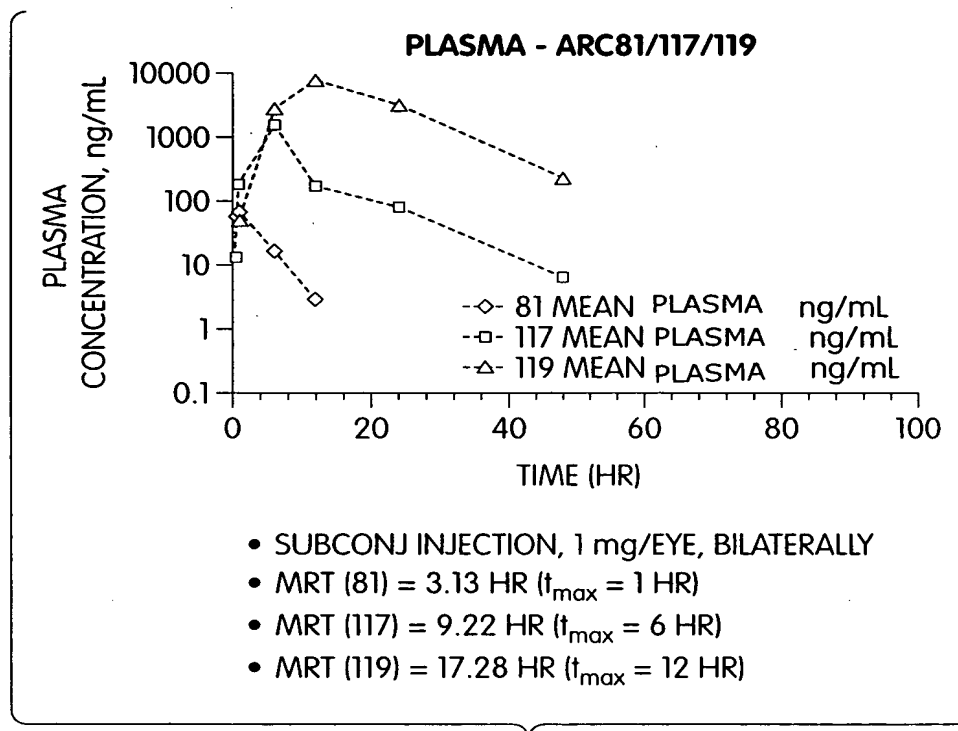


Fig. 21C



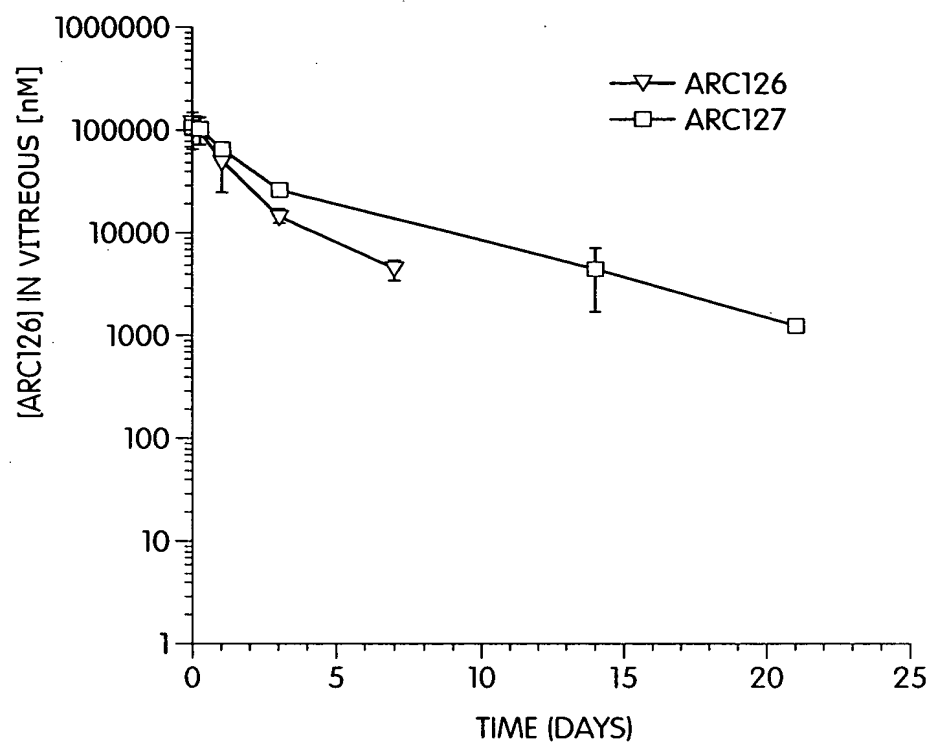


Fig. 22A

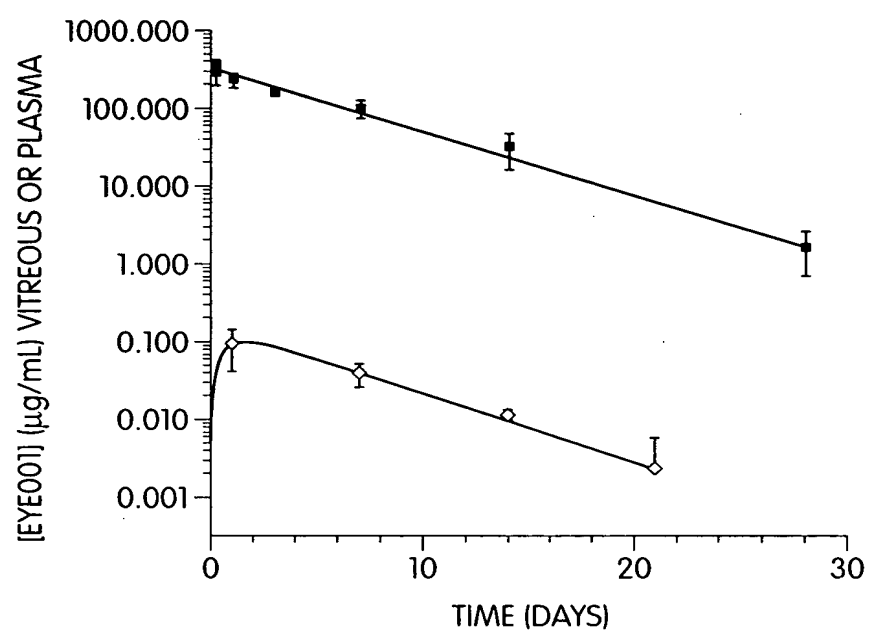


Fig. 22B

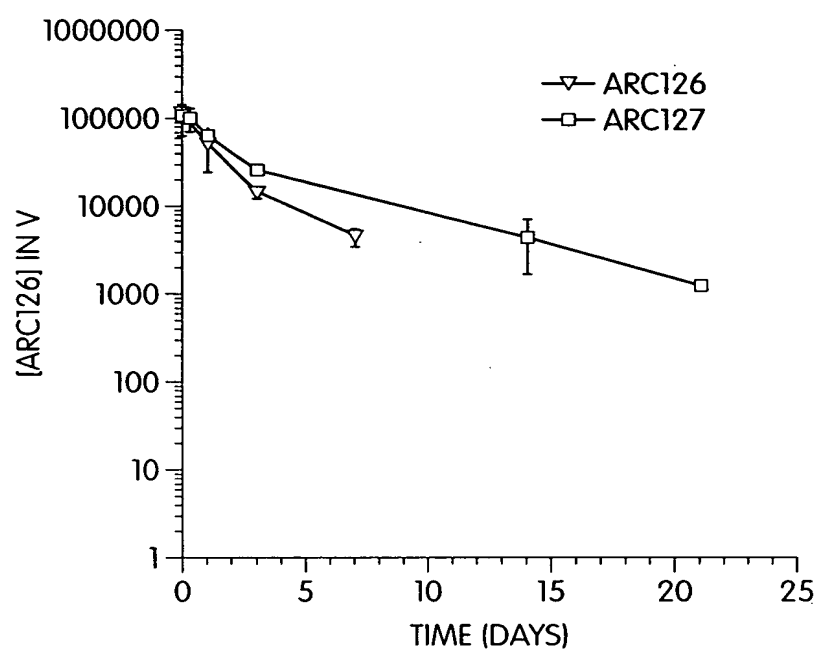


Fig. 22C